

Amendments To the Claims:

Please amend the claims as shown.

1. (currently amended) An Arrangement for the a wireless connection of terminal devices (~~HS1, HS2, HS3, PDA~~) to a communication system, with comprising:

a data packet network (~~LAN~~) for the transmission of data packets using network addresses (~~IP1, IP2~~) valid within the network;

at least one transition device (~~GW1, GW2~~) coupled to the data packet network (~~LAN~~), to which at least one short-range radio module (~~BT1, BT2~~) is coupled, ~~with the transition device (GW1, GW2) having a coupling table (KTAB) with terminal device addresses (RN1, RN2, RN3, MA) of terminal devices (HS1, HS2, HS3, PDA) located within the radio range of at least one short-range radio module (BT1, BT2);~~

a server (~~S~~) coupled to the data packet network (~~LAN~~) for controlling connections to the terminal devices (~~HS1, HS2, HS3, PDA~~), ~~with the server having an allocation table (ZTAB) in which a network address (IP1, IP2) of the particular transition device (GW1, GW2) is allocated in each case to a terminal device address (RN1, RN2, RN3, MA) of a terminal device (HS1, HS2, HS3, PDA), to which transition device (GW1, GW2) a short-range radio module (BT1, BT2) in whose radio range this terminal device (HS1, HS2, HS3, PDA) is located, is coupled;~~ and

a packet-based alignment protocol (~~AP~~) for the dynamic alignment of the allocation table (~~ZTAB~~) with the coupling table (~~KTAB~~).

2. (currently amended) An Arrangement in accordance with Claim 1, characterized in that, wherein the data packet network (~~LAN~~) is realized by a network based on an Internet protocol.

3. (currently amended) An Arrangement in accordance with one of the preceding claims 1, characterized in that wherein the transition device (~~GW2, GW2~~) has comprises a translator (~~IWU~~) for translation between a network protocol used in the data packet network and a protocol specific to a radio module.

4. (currently amended) An Arrangement in accordance with Claim 3, ~~characterized in that~~ wherein the translator (~~GW1, GW2~~) comprises a detection device for detecting, by means of the network protocol used, which terminal device-specific application a connection to a terminal device (~~HS1, HS2, HS3, PDA~~) is allocated to, in order to be able to perform an application-specific protocol conversion accordingly.

5. (currently amended) An Arrangement in accordance with Claim 3 ~~or 4~~, ~~characterized in that~~ wherein the protocol specific to a radio module has having a specific voice interface (~~VOICE~~) and a specific data interface (~~DATA~~).

6. (currently amended) An Arrangement in accordance with ~~one of the preceding~~ claims 1, ~~characterized in that~~ wherein a Bluetooth module is used as a short-range radio module (~~BT1, BT2~~).

7. (currently amended) An Arrangement in accordance with ~~one of the preceding~~ claims 1, ~~characterized by~~, wherein a locating device uses the allocation table for determining a momentary location of a particular terminal device (~~HS1, HS2, HS3, PDA~~) ~~by means of the allocation table~~ (~~ZTAB~~).

8. (currently amended) An Arrangement in accordance with ~~one of the preceding~~ claims 1, ~~characterized by~~ wherein a gateway device (~~EXTGW, GSMGW~~) is coupled to the data packet network for coupling the data packet network (~~LAN~~) to a forwarding communication network (~~WAN, ISDN~~).

9. (currently amended) An Arrangement in accordance with ~~one of the preceding~~ claims 1, ~~characterized by~~ further comprising a headset (~~HS1, HS2, HS3~~) as a terminal device for voice connections.

10. (currently amended) An Arrangement in accordance with ~~one of the preceding~~ claims 1, ~~characterized by~~ further comprising a PDA (Personal Digital Assistant) (~~PDA~~) as a terminal device for data connections.

11. (currently amended) An Arrangement in accordance with ~~one of the preceding~~ claims 1, characterized by further comprising a PDA (Personal Digital Assistant) (~~PDA~~) as a terminal device for entering destination addresses for outgoing connections and for initiating those connections.

12. (new) An arrangement in accordance with claim 2, wherein the transition device comprises a translator for translation between a network protocol used in the data packet network and a protocol specific to a radio module.

13. (new) An arrangement in accordance with Claim 4, wherein the protocol specific to a radio module having a specific voice interface and a specific data interface.

14. (new) An arrangement in accordance with claim 2, wherein a Bluetooth module is used as a short-range radio module.

15. (new) An arrangement in accordance with claim 3, wherein a Bluetooth module is used as a short-range radio module.

16. (new) An arrangement in accordance with claim 2, wherein a locating device uses the allocation table for determining a momentary location of a particular terminal.

17. (new) An arrangement in accordance with claim 2, wherein a gateway device is coupled to the data packet network for coupling the data packet network to a forwarding communication network.